



Immunoglobulin M

by Arya Akhavan (January 2013)

Angles for R.I. = 1.540

56 + 20 girdles = 76 facets

5-fold, mirror-image symmetry

120 index

L/W = 1.048 T/W = 0.108 U/W = 0.103

P/W = 0.476 C/W = 0.157

Vol./W³ = 0.203

PAVILION

P1	44.78°	120-024-048-072-096	Cut to centerpoint.
P2	42.50°	012-036-060-084-108	Meet at culet.
P3	44.29°	001-023-025-047-049-071-073-095-097-119	Meet at culet.
G1	90.00°	120-024-048-072-096	Set stone size.
G2	90.00°	001-023-025-047-049-071-073-095-097-119	Level girdle.
G3	90.00°	012-036-060-084-108	Level girdle.

CROWN

C3	29.04°	012-036-060-084-108	Level girdle.
C1	25.00°	120-024-048-072-096	Set girdle width.
C2	24.97°	001-023-025-047-049-071-073-095-097-119	Level girdle.
C5	12.91°	011-013-035-037-059-061-083-085-107-109	Meet C1, C2, C4
C4	12.90°	012-036-060-084-108	Meet C2, C3
T	0.00°	Table	Meet C4, C5

Immunology: where every structure can be likened to be something either sexual or hilarious. This particular pattern was modelled after the pentagonal-Y structure of immunoglobulin M (IgM), which I forgot about on my exam. Works in m-aterials from quartz to rutile (RI = 1.54 - 2.62) with no changes, but I prefer it in rhodolite.

Suggested size = 8-12 mm

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